

ABSTRACT

One method of reducing fractures in long bones is to insert an intramedullary screw through the bone canal across the fracture and deploy tangs to increase the purchase of the screw. Compression is then applied along the screw to bring the broken bone together. An improved low cost lag screw has a cannulated shaft with a shaped bore in the leading end. A similarly shaped tang body is movably disposed in the leading end bore. The tang body has several tangs laser welded about the periphery and extending from the tang body. The shaped surfaces of the bore have exit holes and the ends of the tangs are adjacent the holes. An end cap is laser welded to the leading end of the shaft.